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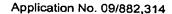
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-3-

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (curre	ntly amended). An interface method for viewing and selecting among
a variety	of currently available commercial broadcasts comprising the steps
of:	. •
	determining on the state of

determining an association of each said commercial broadcast with a program category of a plurality of program categories; and within a single viewing screen, simultaneously presenting video broadcast information directly from full-scale video information for each of said commercial broadcasts, including:

(1) generating reduced-scale presentations of each of said commercial broadcasts, including locally originating said reduced-scale presentations being based on said video broadcast from said full-scale video information for exclusive display on said viewing screen; and

(2) dynamically clustering said reduced-scale presentations in correspondence with said program categories, including displaying a plurality of clusters of said reduced-scale presentations in which each said cluster includes said reduced-scale presentations for all of said commercial broadcasts associated with said program category that corresponds to said cluster:

thereby utilizing said viewing screen to display each said cluster as a totality of said commercial broadcasts that are currently available within said program category that corresponds to said cluster.

- 2. (original) The interface method of claim 1 wherein said step of dynamically 1
- clustering includes varying a number of said reduced-scale presentations in 2
- said clusters as a function of changes in said commercial broadcasts.





-4-

PHONE NO. : 650 969 6216

- 3. (currently amended) The interface method of claim 2 wherein said 1
- commercial broadcasts are television broadcasts carried via television 2
- channels, said step of determining associations said association for each said 3
- commercial broadcast including monitoring reception of said television 4
- channels at a location of said viewing screen to detect tag information that is
- specific to current programs available via said television channels.
- 4. (original) The interface method of claim 1 further comprising a step of 1
- 2 enabling a user to initiate a genre-dividing mode in which at least one said
- 3 cluster is split into separate sub-clusters on a basis of genres.
- 5. (original) The interface method of claim 4 wherein said step of enabling
- said user includes providing cluster splitting into said sub-clusters on the basis 2
- 3 of different sports and on the basis of different movie genres.
- 6. (original) The interface method of claim 1 wherein said step of presenting 1
- said video broadcast information includes overlapping said reduced-scale 2
- presentations within at least one said cluster, said interface method further 3
- comprising steps of: 4
- 5 (1) enabling a user to select which said reduced-scale
- presentation in said at least one cluster has the appearance of being the 6
- 7 foremost reduced-scale presentation; and
- 8 (2) enabling said user to select any said reduced-scale
- presentation in any said cluster for viewing in a full-screen mode of operation. 9
- 1 7. (original) The interface method of claim 6 further comprising steps of:
- 2 maintaining historical information regarding user selections; and
- arranging said clusters and arranging said reduced-scale 3
- presentations within said clusters as a function of said historical information.



-5-

- 8. (original) The interface method of claim 6 further comprising a step of
- cycling an arrangement of said overlapping reduced-scale presentations in 2
- said at least one cluster such that each said overlapping reduced-scale 3
- presentation is periodically said foremost reduced-scale presentation.
- 9. (currently amended) The interface method of claim 1 wherein said step of 1
- generating said reduced-scale presentations includes displaying incoming 2
- television programs in real time, such that said reduced-scale presentations in 3
- each said cluster are miniaturized displays which are in constant 4
- 5 synchronization with said television programs are dynamic.
- 10. (original) The interface method of claim 9 wherein said step of generating 1
- 2 includes filtering television commercials, such that said reduced-scale
- 3 presentations are static during said television commercials.



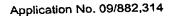
-6-

PHONE NO. : 650 969 6216

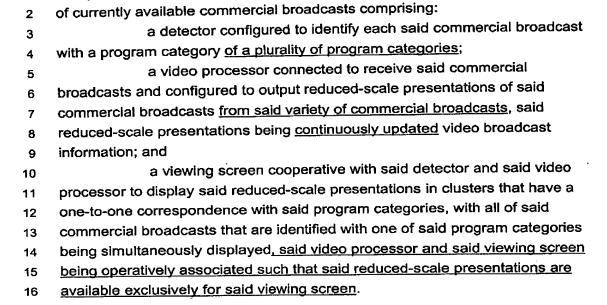
11. (currently amended) An interface method for viewing and selecting 1 among a variety of television channels comprising the steps of: 2 receiving program transmissions at a particular site via said 3 4 television channels; 5 recurringly identifying a program category for each said television channel on a basis of a currently available program being broadcast 6 7 via variety of said television channel, said identifying occurring at said particular site; 8 9 generating originating reduced-scale presentations of each said currently available program from video signals of said currently available 10 program, said reduced-scale presentations being a manipulation of said video 11 signals that is original to said particular site; 12 13 displaying each said presentation on a single screen at said particular site, including grouping said presentations on a basis of said 14 program categories, thereby displaying a number of groups that corresponds 15 to the number of program categories, with each well populated group having 16 17 overlapping presentations; 18 enabling a viewer to remotely control browsing through said groups and browsing among said presentations within a specific group; and 19 enabling said viewer to select a particular said presentation for 20 full-screen viewing of the program from which said particular presentation was 21 originated, wherein each selection for said full-screen viewing is exclusive to 22 23 said single screen generated.

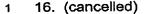
- 12. (original) The interface method of claim 11 further comprising a step of 1
- arranging said groups and said presentations within said groups as a function 2
- 3 of historical information that is representative of prior selections by said
- 4 viewer.
- 13. (original) The interface method of claim 11 further comprising a step of 1
- enabling said viewer to selectively increase or decrease said number of 2
- 3 groups by increasing or decreasing said number of program categories.
- 14. (original) The interface method of claim 13 wherein said step of enabling 1
- 2 increases includes providing cluster splitting according to genres and includes
- 3 merging previously split clusters.

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15. (currently amended) A system for viewing and selecting among a variety





- 17. (currently amended) The system of claim 15 wherein said video 1
- processor is configured to continuously update said video broadcast 2
- information relevant to each said reduced-scale presentation, such that said 3
- reduced-scale presentations are ongoing displays of said commercial 4
- broadcasts in real time. 5
- 18. (original) The system of claim 17 further comprising a commercial filter 1
- enabled to detect commercials and to inhibit said continuous updating during 2
- commercial times. 3





-8-

- 19. (original) The system of claim 15 further comprising memory connected 1
- to store historical information indicative of selections of said commercial 2
- broadcasts by a viewer, said memory being accessed by said video processor 3
- to control arrangement of said clusters and said reduced-scale presentations 4
- within said clusters as a function of said historical Information. 5
- 20. (new) The interface method of claim 11 wherein said originating is a 1
- miniaturization of each said currently available program, such that said 2
- displaying enables continuous viewing of said program transmissions but at a 3
- miniaturized level.

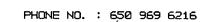


PHONE NO. : 650 969 6216

Application No. 09/882,314

-9-

•	21. (Now) An interface method for viewing and selecting among a variety of
2	currently available commercial broadcasts comprising the steps of:
3	determining an association of each said commercial broadcast
4	with a program category of a plurality of program categories; and
5	within a single viewing screen, simultaneously presenting video
6	broadcast information directly from each of said commercial broadcasts,
7	including:
8	(1) generating reduced-scale presentations of each of said
9	commercial broadcasts, said reduced-scale presentations being based on
10	said video broadcast information; and
11	(2) dynamically clustering said reduced-scale presentations in
12	correspondence with said program categories, including displaying a plurality
13	of clusters of said reduced-scale presentations in which each said cluster
14	includes said reduced-scale presentations for all of said commercial
15	broadcasts associated with said program category that corresponds to said
16	cluster;
17	thereby utilizing said viewing screen to display each said cluster
18	as a totality of said commercial broadcasts that are currently available within
19	said program category that corresponds to said cluster:
20	wherein said step of presenting said video broadcast information
21	includes overlapping said reduced-scale presentations within at least one said
22	cluster, said interface method further comprising steps of:
23	(a) enabling a user to select which said reduced-scale
24	presentation in said at least one cluster has the appearance of being the
25	foremost reduced-scale presentation;
26	(b) enabling said user to select any said reduced-scale
27 .	presentation in any said cluster for viewing in a full-screen mode of operation;
28	and
29	(c) cycling an arrangement of said overlapping reduced-scale
30	presentations in said at least one cluster such that each said overlapping
31	reduced-scale presentation is periodically said foremost reduced-scale
32	presentation.



being simultaneously displayed.

-10-

1	22. (new) A system for viewing and selecting among a variety of currently
2	available commercial broadcasts comprising:
3	a detector configured to identify each said commercial broadcast
4	with a program category;
5	a video processor connected to receive said commercial
6	broadcasts and configured to output reduced-scale presentations of said
7	commercial broadcasts, said reduced-scale presentations being video
8	broadcast information, said video processor being configured to continuously
9	update said video broadcast information relevant to each said reduced-scale
10	presentation;
11	a commercial filter enabled to detect commercials and to inhibit
12	said continuous updating during commercial times; and
13	a viewing screen cooperative with said detector and said video
14	processor to display said reduced-scale presentations in clusters that have a
15	one-to-one correspondence with said program categories, with all of said
16	commercial broadcasts that are identified with one of said program categories

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